U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

				Complete if Known		
Substitute for form 1449/PTO				Application Number	10/560,662	
INFORM	IATION	DISCI	LOSURE	Filing Date	February 15, 2007	
STATEMENT BY APPLICANT				First Named Inventor	Palaniappan Sethu	
(Use as	(Use as many sheets as necessary)			Art Unit	1797	
				Examiner Name	Unassigned	
Sheet	1	Of	2	Attorney Docket Number	32047-716.831	

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	1.	US 2004/0048360	03/11/2004	Wada, et al.				
	2.	US 2004/0053352	03/18/2004	Ouyang, et al.				
	3.	US 2004/0142463 A1	07/22/2004	Walker, et al.				
	4.	US 2006/0000772 A1	01/05/2006	Sano et al.				
	5.	US 2006/0073125 A1	04/06/2006	Clarke, et al.				
	6.	US 2006/0121452	06/08/2006	Dhallan				
	7.	US 5,300,779	04/05/1994	Hillman, et al.				
	8.	US 5,840,502	11/24/1998	Van Vlasselaer				
	9.	US 6,511,967	01/28/2003	Weissleder, et al.				

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
	10.	WO 1991/016452 A1	10/31/1991	Berenson				
	11.	WO 1998/02528 A1	01/22/1998	Valerio et al.				

NON PATENT LITERATURE DOCUMENTS					
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	T		
Examiner	Cite	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),			
Initials*	No.1	publisher, city and/or country where published.			
	12.	AHN, et al. A fully integrated micromachined magnetic particle separator. Journal of			
	12.	Microelectromechanical Systems. 1996; 5(3):151-158.			
	13.	BODE, et al. Mutations in the tyrosine kinase domain of the EGFR gene are rare in			

Examiner	• •	Date	
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 11/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

				Complete if Known		
Substitute for form 1449/PTO INFORMATION DISCLOSURE				Application Number	10/560,662	
			LOSURE	Filing Date	February 15, 2007	
	STATEMENT BY APPLICANT			First Named Inventor	Palaniappan Sethu	
(Use as	(Use as many sheets as necessary)		Art Unit	1797		
				Examiner Name	Unassigned	
Sheet	2	Of	2	Attorney Docket Number	32047-716.831	

		NON PATENT LITERATURE DOCUMENTS Lealuida mana of the quiter (in CADITAL LETTERS) title of the article (when appropriate) title of the	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		synovial sarcoma. Mod Pathol. 2006; 19(4):541-7.	
	14.	CAGGANA, M. Microfabricated devices for sparse cell isolation. CNF Project #905-00. Cornell Nano Scale Facility. 2003; pp. 38-39	
	15.	CAGGANA, M. Microfabricated devices for sparse cell isolation. CNF Project #905-00. Cornell NanoScale Facility. 2004-2005; pp. 32-33.	
	16.	CHOESMEL, et al. Enrichment methods to detect bone marrow micrometastases in breast carcinoma patients: clinical relevance. Breast Cancer Res. 2004; 6(5):R556-569.	
	17.	MOHAMED, et al. A Micromachined Sparse Cell Isolation Device: Application in Prenatal Diagnostics. Nanotech 2006; 2: 641-644. (Abstract only).	
	18.	MOHAMED, et al. Biochip for separating fetal cells from maternal circulation. J Chromatogr A. 2007; 1162(2):187-92.	
	19.	NAGRATH, et al. Isolation of rare circulating tumour cells in cancer patients by microchip technology. Nature. 2007; 450: 1235-1241 (with Supplemental pages 1-10).	
	20.	OWEN, et al. High gradient magnetic separation of erythrocytes. Biophys. J. 1978; 22:171-178.	
	21.	PRIETO, et al. Isolation of fetal nucleated red blood cells from maternal blood in normal and aneuploid pregnancies. Clin Chem Lab Med. 2002; 40(7):667-72.	
	22.	UITTO, et al. Probing the fetal genome: progress in non-invasive prenatal diagnosis. Trends Mol Med. 2003; 9(8):339-43.	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.